Index of Claims



Application No.

10/053,012

Examiner

Joseph E. Avellino

Applicant(s)

FREIMUTH ET AL.

Art Unit

2143

| 7 | Rejected |
|---|----------|
| | Allowed |

(Through numeral)
Cancelled Restricted

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | | | | | | | | | _ | | | _ | | | _ |
|--------------|----------|--|--------------|-----------------|--------------|--------------|--------------|--|--|----------|-----|-------|----------|-----------------|---|----------|--------------|----------|----------|--|----------|
| Cla | im | | | |] | Date | e | | _ | _ | | Cla | aim | | | | | Date | e | _ | _ |
| Final | Original | 4/9/05 | 10/24/05 | 5/9/06 | 90/8/9 | 11/15/06 | | | | | | Final | Original | ļ | | | | | | | |
| | 1 | V | 1 | V | 1 | 1 | | | | _ | | | 51 | \Box | _ | _ | \vdash | \vdash | \vdash | \vdash | T |
| | 2 | 1 | 1 | V | 1 | V | | | | | 1 | | 52 | | | | | | Г | Г | T |
| | 3 | 1 | 1 | 1 | 1 | 1 | | | | | | | 53 | | | | | | | | Γ |
| | 4 | 1 | ٧ | V | 1 | V | | | | | | | 54 | | | | | | | | |
| | 5 | 1 | 1 | 1 | 1 | V | <u>_</u> | _ | _ | | ļ | | _55 | | | | | | | | |
| | 6 | 1 | 1 | V | 1 | 1 | | | _ | <u> </u> | | | 56 | | | | | | | 上 | L |
| <u> </u> | 7 | 1 | 1 | 1 | 1 | 1 | _ | | | | | | 57 | Ш | | | L | | _ | L | L |
| | 8 | 1 | 1 | 1 | 1 | 1 | <u> </u> | _ | <u> </u> | <u> </u> | | | 58 | | | | _ | _ | <u> </u> | <u>L</u> | L |
| ļ | 9 | 1 | 1 | 1 | 1 | 1 | <u> </u> | _ | <u> </u> | <u> </u> | | | 59 | \sqcup | _ | | _ | _ | | ╙ | Ļ |
| | 10 | 7 | 1 | 1 | 7 | 1 | _ | _ | _ | <u> </u> | | | 60 | \dashv | | | <u> </u> | _ | _ | ╙ | ╀ |
| <u> </u> | 11 12 | 1 | 1 | 1 | 1 | - | ┡ | ┝ | _ | ├— | | | 61 | \vdash | _ | | _ | _ | <u> </u> | ⊢ | ╀ |
| | 13 | V | V V | 1 | 1 | 1 | | \vdash | \vdash | ⊢ | | | 62 | \vdash | _ | | _ | <u> </u> | ┝ | ⊢ | ╀ |
| | 14 | 1 | 1 | 1 | 1 | 1 | \vdash | \vdash | ├- | ├- | | | 63 64 | $\vdash \vdash$ | _ | | \vdash | \vdash | \vdash | | ╀ |
| | 15 | N | N | N | N | N | ┢ | | - | ├- | ١. | | 65 | \vdash | _ | _ | ├ | ⊢ | ┝ | ├ | ╁ |
| \vdash | 16 | N | N | N | N | N | ┢ | | | ├- | l | | 66 | \vdash | | | \vdash | \vdash | \vdash | \vdash | t |
| | 17 | N | N | N | N | N | \vdash | _ | | \vdash | 1 | | 67 | H | - | _ | ┢ | - | | ┢ | t |
| | 18 | V | 1 | V | 1 | 1 | \vdash | \vdash | \vdash | _ | 1 | | 68 | \vdash | | | | | \vdash | | t |
| | 19 | V | 1 | 1 | 1 | 1 | | | | | | | 69 | Н | | | | \vdash | | \vdash | t |
| | 20 | 1 | 1 | V | 1 | 1 | | | | T | | | 70 | | | | Т | | \vdash | \vdash | T |
| | 21 | N | N | N | N | N | Т | П | | | | | 71 | П | | | Т | | | Г | t |
| | 22 | 1 | 1 | V | 1 | 1 | | | | Г | | | 72 | П | | | | Г | | | Γ |
| | 23 | V | 1 | 1 | 1 | 1 | | | | | | | 73 | | | | | | | | Γ |
| <u></u> | 24 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L | | | _ | L | <u> </u> | | L | | | 74 | | | | | | | | L |
| <u> </u> | 25 | ┕ | L_ | _ | _ | <u>L</u> . | _ | | <u> </u> | | | | 75 | Ш | | | <u> </u> | _ | <u> </u> | <u> </u> | L |
| <u> </u> | 26 | <u> </u> | | _ | _ | <u> </u> | | <u> </u> | <u> </u> | Ļ | | | 76 | Ш | | | <u> </u> | _ | | <u> </u> | Ļ |
| | 27 | ├ | <u> </u> | _ | _ | | _ | <u> </u> | \vdash | \vdash | | | 77 | Ш | | <u></u> | | _ | ├ | ▙ | Ļ |
| | 28 29 | ⊢ | ⊢ | <u> </u> | | - | _ | - | | - | 1 | | 78 79 | \vdash | | | | 1 | ₩ | ⊢ | ╀ |
| <u> </u> | 30 | ┢ | \vdash | ⊢ | \vdash | - | \vdash | ⊢ | ├ | \vdash | 1 | | 80 | \vdash | - | _ | _ | | ┢ | ⊢ | ╀ |
| | 31 | ├- | ┢ | ┢ | \vdash | - | _ | ⊢ | ┝ | | 1 | | 81 | \vdash | _ | - | ┢ | \vdash | ┢ | ⊢ | ╁ |
| | 32 | | H | - - | | | | ⊢ | | ⊢ | 1 | | 82 | ┝┤ | - | - | - | - | ┢ | | ╁ |
| | 33 | | | \vdash | - | \vdash | - | | | - | ł | | 83 | Н | _ | _ | | \vdash | | ⊢ | t |
| | 34 | Г | T | | \vdash | \vdash | \vdash | | _ | t | 1 | | 84 | \vdash | | | | \vdash | \vdash | \vdash | t |
| | 35 | | Ι_ | Т | \vdash | \vdash | _ | H | | Т | 1 . | | 85 | H | | | | \vdash | \vdash | ⇈ | t |
| | 36 | Π | T | | \vdash | 1 | | | | Г | 1 | | 86 | П | | - | Г | \vdash | I^- | \vdash | T |
| | 37 | | | | | | | | | Г | 1 | | 87 | П | | | | | | T | Τ |
| | 38 | | | | | | | | | |] | | 88 | | | | | | | | Γ |
| | 39 | 匚 | 匚 | | 匚 | | | | | | | | 89 | | | | | | | | Γ |
| L | 40 | \vdash | _ | | _ | _ | | | | | | | 90 | Ш | | | 匚 | | | | Ĺ |
| | 41 | <u> </u> | | | <u>L</u> | <u>L</u> | <u> </u> | | _ | _ | | | 91 | Ш | | | L | | | | Ĺ |
| <u> </u> | 42 | \vdash | <u> </u> | | <u> </u> | <u> </u> | | _ | <u> </u> | _ | | | 92 | \sqcup | | _ | \vdash | _ | _ | \vdash | L |
| | 43 | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | ⊢ | <u> </u> | | <u> </u> | | | 93 | \sqcup | _ | _ | <u> </u> | <u> </u> | <u> </u> | ⊢ | \perp |
| | 44 | - | _ | <u> </u> | <u> </u> | | <u> </u> | ⊢- | | - | | | 94 | $\vdash \vdash$ | | | ऻ | <u> </u> | L | ₩ | \vdash |
| \vdash | 45 | - | \vdash | ⊢ | | - | | ├- | ├- | - | | | 95 | \vdash | | _ | <u> </u> | ⊢ | \vdash | ├- | \vdash |
| - | 46 | - | \vdash | \vdash | \vdash | ├- | - | | ⊢ | - | 1 | | 96 | \vdash | | - | | - | ├ | \vdash | ╀ |
| <u> </u> | 47 48 | - | | \vdash | \vdash | | ├ | - | \vdash | ⊢- | 1 | | 97 | - | _ | <u> </u> | \vdash | - | \vdash | \vdash | + |
| | 49 | \vdash | \vdash | - | \vdash | ⊢ | ├- | - | \vdash | \vdash | 1 | | 98 99 | $\vdash \vdash$ | | | \vdash | ⊢ | ├- | - | + |
| - | 50 | \vdash | \vdash | \vdash | - | | - | - | - | - | 1 | | 100 | \vdash | _ | \vdash | \vdash | \vdash | \vdash | \vdash | ╁ |
| | | | _ | <u> </u> | | 1 | Щ. | L | | Щ | J | | 100 | Ш | | | <u> </u> | | _ | | 上 |

| - 1 | Cia | 11111 | | | | | Jak | | | | |
|-----------|-------|----------------|---|----------|----------|----------|----------|----------|----------|----------|--------------|
| Same Same | Final | Original | | | | | | | | | |
| | | 51 52 | | | | | | | | | |
| | | 52 | | | | | | | | | |
| | | 53 | | | | | | | | | |
| | | 54 55 | | | _ | | | | | | - |
| | | 55 | | _ | | | | | | | |
| | | 56 | | | | | | | | | _ |
| | | 57 | | | | _ | \vdash | | | | |
| - | | 58 | | | | | | | | | |
| | | 59 | | | | П | | | | | |
| | | 60 | | | | П | | | | | |
| | | 61 | | | | | | | | | _ |
| | | 62 | | | | | Н | | | | |
| | | 62 63 | | | | | | | | | |
| | | 64 | | | | | | | | | |
| - | | 65 | | | | | | | | | |
| | | 66 | | | | | П | | | | |
| | | 67 | | | | | | | | | |
| | | 68 | | | | | | | | | |
| | | 69 | | | | | | | | | |
| | | 70 | | | | | | | | | |
| 1 | | 71 | | | | | | | | | |
| | | 72 | | | | | | | | | |
| i | | 73 | | | | | | | | | |
| | | 73 74 75 | | | | | | | | | |
| | | 75 | | | | | | | | | |
| | | 76 77 | | | | | | | | | |
| | | 77 | | | | | | | | | |
| | | 78 79 | | | | | | | | | |
| - | | 79 | | | _ | | | | | | |
| - | | 80 | | | _ | | | | | | |
| | | 81 ·82 | | | | | | | | | |
| | | 82 | | | <u>_</u> | ļ., | | | | Щ | |
| | | 83 | | | | Ш | | | | L | |
| | | 84 | | | | L., | L., | | | Щ | L |
| ı | | 85 | | | | <u> </u> | <u> </u> | | | _ | |
| | | 86 | | _ | <u> </u> | _ | | | | Щ | _ |
| | | 87 | _ | | <u> </u> | Щ | Щ | | _ | | |
| | | 88 | | | <u> </u> | \vdash | _ | | - | <u> </u> | <u> </u> |
| | | 89 | | | | <u> </u> | | | | | _ |
| | | 90 | | _ | _ | _ | _ | | _ | | _ |
| | | 91 | | | | _ | _ | | | | |
| | | 92 | _ | | <u> </u> | <u> </u> | <u> </u> | \vdash | \vdash | Щ | <u> </u> |
| | | 93 | _ | _ | <u> </u> | \vdash | <u> </u> | Ь. | \vdash | \vdash | _ |
| | | 94 | _ | | <u> </u> | \vdash | \vdash | <u> </u> | _ | | |
| | | 95 | | | <u> </u> | \vdash | \vdash | _ | _ | <u> </u> | <u> </u> |
| | | 96 | | | - | _ | \vdash | _ | | _ | <u> </u> |
| | | 97 | _ | _ | <u> </u> | | - | | | <u> </u> | |
| | | 98 99 | | <u> </u> | <u> </u> | \vdash | <u> </u> | | - | <u> </u> | _ |
| | | 100 | _ | H | \vdash | \vdash | \vdash | \vdash | - | | |

| Cla | aim | | | | Date | | | | | | | |
|----------|-------------------|--|--------------|--------------|----------|----------|--|--------------|--------------|-----------------|--|--|
| | | | | | | | | | | | | |
| Final | Original | | | | | | | | | | | |
| ij |)riç | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 101 | | | | | | | | | | | |
| | 102 103 | | | | | | | | | | | |
| | 103 | | | | | | | | | | | |
| | 104 105 | | | | | | | | | | | |
| | 105 | | | | | | | | | | | |
| | 106 | | | | | | | | | | | |
| | 107 | | | L | | | | | | | | |
| | 108 | | | | | | | | | | | |
| | 109 | | | | | | | | | | | |
| | 110 | | | | | | | | | | | |
| | 111 | | | | | | | | | | | |
| | 112 | | | | | | L_ | | | | | |
| | 113 | | | | | | | | | | | |
| | 114 | | _ | $oxed{\Box}$ | | | $ldsymbol{ld}}}}}}$ | | | Ш | | |
| | 115 116 | | | | | | | | | | | |
| | 116 | | _ | | | _ | | | | Ш | | |
| | 117 | | | | | | | | | Ш | | |
| | 118 119 | | | | | | | | | | | |
| | 119 | | | | | | | | | Ш | | |
| | 120 | | <u> </u> | | | | | <u> </u> | <u> </u> | Щ | | |
| | 121 122 | L | | | | | L_ | | | | | |
| | 122 | | | | | | | | | | | |
| | 123 124 | L | _ | _ | | | _ | _ | _ | | | |
| | 124 | _ | | | | _ | _ | | | | | |
| | 125 | | | | | _ | _ | | | Ш | | |
| | 126 127 128 | _ | _ | _ | | | _ | _ | _ | | | |
| | 127 | L | _ | | | _ | _ | $oxed{oxed}$ | _ | Ш | | |
| | 128 | _ | | | | | | _ | | | | |
| | 129 130 | | <u> </u> | | | | | <u></u> | | Ш | | |
| | 130 | _ | | <u>_</u> | | | L_ | | <u> </u> | | | |
| | 131 132 | _ | | | | | | | <u> </u> | | | |
| | 132 | _ | <u> </u> | L_ | | | L_ | | L_ | | | |
| | 133 | <u> </u> | <u> </u> | | | _ | _ | | <u> </u> | | | |
| | 134 | | | | | | | | | | | |
| | 135 | _ | _ | _ | Ш | | <u> </u> | _ | _ | Ш | | |
| | 136 | \vdash | $oxed{oxed}$ | Щ | | <u> </u> | <u> </u> | L_ | <u> </u> | Щ | | |
| | 137 138 | <u> </u> | <u> </u> | _ | <u> </u> | | <u> </u> | _ | <u> </u> | Ш | | |
| | 138 | <u> </u> | <u> </u> | \vdash | Щ. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Н | | |
| | 139 | | <u> </u> | | _ | _ | | L | <u> </u> | Ш | | |
| \vdash | 140 | - | <u> </u> | _ | <u> </u> | <u> </u> | | <u> </u> | _ | | | |
| | 141 | | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Н | | |
| | 142 | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | $\vdash \dashv$ | | |
| <u> </u> | 143 | | | ⊢ | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | Н | | |
| <u> </u> | 144 | | | \vdash | \vdash | <u> </u> | \vdash | <u> </u> | \vdash | \vdash | | |
| <u> </u> | 145 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | |
| <u> </u> | 146 | <u> </u> | ├— | \vdash | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | | |
| | 147 | \vdash | ├— | <u> </u> | <u> </u> | _ | ļ | <u> </u> | <u> </u> | Щ | | |
| <u> </u> | 148 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш | | |
| <u> </u> | 149 | <u> </u> | | <u> </u> | <u> </u> | L | <u> </u> | _ | | | | |
| L | 150 | L | | | | | | l | | L | | |